

SIR:

In response to the Office Action of March 31, 2003, please amend the application as follows:

IN THE CLAIMS

1. (Canceled)

2. (Canceled)

3. (Canceled)

4. (Canceled)

5. (Canceled)

6. (Canceled)

7. (Canceled)

8. (Canceled)

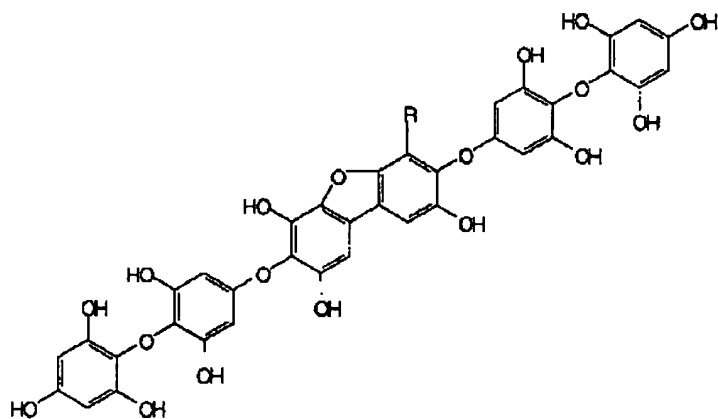
9. (Canceled)

10. (Canceled)

11. (Canceled)

12. (Newly Added) An antioxidative compound represented by the following Formula I:

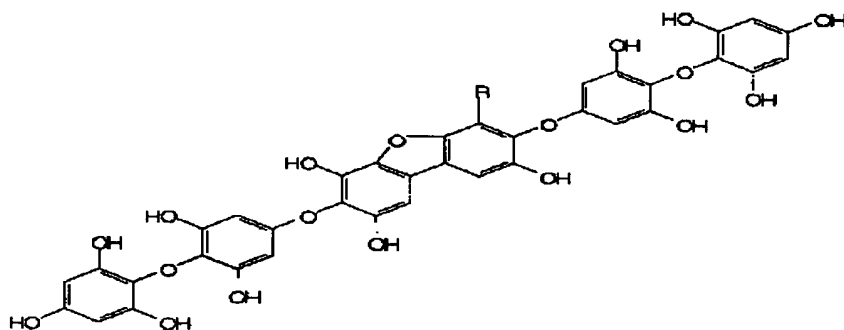
Formula I



Cont
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13. (Newly Added) A method for preparing an antioxidative compound represented by the following Formula I, which comprises the steps of:
- extracting *Ecklonia cava* one or more times using at least one solvent selected from the group consisting of methanol, ethanol, ethyl acetate, acetonitrile, acetone, and an aqueous solution thereof;
 - fractionating the extract by using an aqueous 10 to 90 % methanol solution as a polar layer, and a linear or cyclic hydrocarbon solvent, an aromatic solvent or a mixture thereof as a nonpolar layer;
 - fractionating the aqueous methanol layer obtained in b) step by using an aqueous 10 to 60 % methanol solution as a polar layer and one or more ethers as a nonpolar layer;
 - fractionating the aqueous methanol layer obtained in c) step by using an aqueous 10 to 60 % methanol solution as a polar layer and chloroform, dichloromethane, or a mixture thereof as a nonpolar layer; and
 - separating and recovering the compound of Formula I from the aqueous methanol layer obtained in step d) by chromatography.

FORMULA I



14. (Newly Added) The method as recited in claim 13, wherein step a) is repeated using the same or a different solvent

15. (Newly Added) The method as recited in claim 13, wherein the process further comprises dissolving the extract in ethyl acetate and/or methanol, followed by removing undissolved ingredients therein prior to step c).

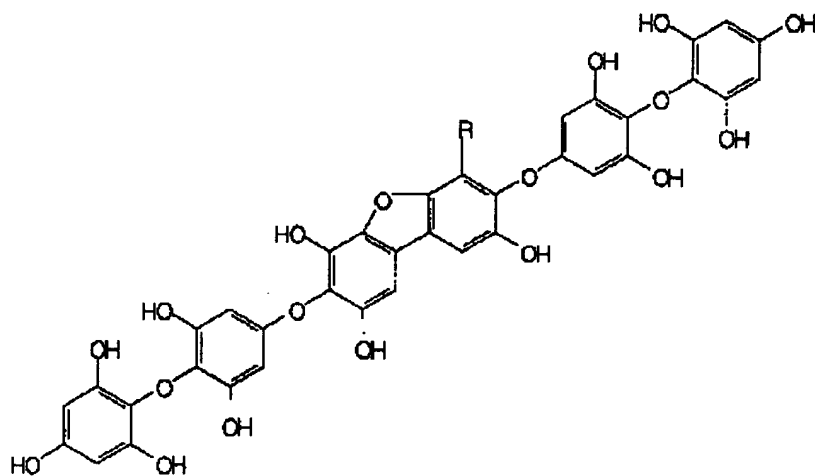
Corr
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16. (Newly Added) The method as recited in claim 13, wherein the chromatography is a medium pressure liquid chromatography (MPLC) or a high performance liquid chromatography (HPLC).

17. (Newly Added) A method for preparing an antioxidative compound represented by the following Formula I, which comprises the steps of:

- a) extracting *Ecklonia cava* one or more times using at least one solvent selected from the group consisting of methanol, ethanol, ethyl acetate, acetonitrile, acetone, and an aqueous solution thereof;
- b) fractionating the extract by using an aqueous 10 to 90 % methanol solution as a polar layer, and hexane as a nonpolar layer;
- c) fractionating the aqueous methanol layer obtained in step b) by using an aqueous 20 to 40 % methanol solution as a polar layer and isopropyl ether as a nonpolar layer;
- d) fractionating the aqueous methanol layer obtained in step c) by using an aqueous 30 to 50 % methanol solution as a polar layer and chloroform as a nonpolar layer; and
- e) separating and recovering the compound of Formula I from the aqueous methanol layer obtained in step d) by chromatography.

Formula I



18. (Newly Added) The method as recited in claim 17, wherein step a) is repeated using the same or a different solvent

19. (Newly Added) The method as recited in claim 17, wherein the process further comprises dissolving the extract in ethyl acetate and/or methanol, followed by removing undissolved ingredients therein prior to step c).

Cont
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20. (Newly Added) The method as recited in claim 17, wherein the chromatography is a medium pressure liquid chromatography (MPLC) or a high performance liquid chromatography (HPLC).
